

CLAIMS

1. A method of choosing which long distance company a wireless roamer uses based on the selection of the wireless roamer or its home wireless carrier comprising: (1) sending a plurality of transaction capabilities application part messages between a wireless service control point and a wireless switching center, comprising the steps of: (i) sending transaction capabilities application part message that validate a roamer (ii) Instruct the service mobile switch center to pass dialed number information and; (2) routing of the call to a interactive voice response until to play a brief recorded message and; (3) routing of the wireless call to the called party
2. The method of claim 1, wherein the wireless parameters comprise: a mobile switching center identification number.
3. The method of claim 1, wherein the wireless parameters comprise: a number dialed by a caller; and a mobile switching center identification number.
4. The method of claim 1 wherein step (2) comprises: (i) receiving the number dialed by the wireless subscriber and; (ii) determine if it is a long distance call and; (iii) sending instructions to the mobile switching center to change the call routing to the interactive voice response unit via an Public Switched Telephone Network.

5. The method of claim 1 wherein step (2) comprises: (i) creating a table which will indicate by mobile switching center whether a dialed call is a long distance; (ii) activating the serving mobile switching center to send dialed digits before a wireless call is routed sending the initial address message with the mobile identification number.

6. The method of claim 1 further comprising the following steps that are performed before step (1); sending a query for one or more roaming parameters from a serving wireless mobile switching center to a home location register (HLR); and sending one or more roaming parameters from the home location register to the subscriber's home mobile switching center.

7. The method of claim 1 wherein said roaming parameters comprise: a mobile identification number.

8. The method of claim 1 wherein said roaming parameters comprise: a phone number dialed by the wireless subscriber.

9. The method of claim 1 further comprising the following steps that are performed before step (1): signaling from a telephone to a local network; signaling from the local network to a mobile switching center; sending a query for one or more roaming parameters from the mobile switching center to a home location register; and sending the roaming parameters from the home location register to the serving mobile switching center.

10. The method of claim 1 further comprising the following

steps: (3) signaling from the mobile switching center to an Public Switched Telephone Network; (4) signaling from the Public Switched Telephone Network to a mobile switching center; and (5) signaling from the mobile switching center to a wireless handset.

11. The method of claim 1, wherein the mobile switching center is instructed to send only inter-lata (long distance) toll calls.

12. The method of claim 1, wherein the mobile switching center is instructed to send information to a different home location register at call startup.

13. A method for use in billing of the redirected long distance calls in the wireless subscriber's monthly statement comprising of: (1) collecting the call detail information from the serving carrier; (2) matching the call detail information with the toll charges or generation of a matching toll charge record and; (3) creating a new record to be sent to the home carrier and; (4) sending that record to a third party clearinghouse working on behalf of the wireless carrier

14. The method in accordance of Claim 13 step 1 comprising of call detail information converted to an industry standard CIBER format.

15. The method in accordance of Claim 13 step 2 comprising of an clearinghouse accepting industry records containing call

information from multiple sources.

16. The method in accordance of Claim 13 step 4 comprising of sending an industry standard format to subscriber's home carrier.